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File: USPT

Jun 6, 2000

US-PAT-NO: 6073124

DOCUMENT-IDENTIFIER: US 6073124 A

TITLE: Method and system for securely incorporating electronic information into an online purchasing application

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

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APPL-NO: 08/ 895221 [PALM]

DATE FILED: July 15, 1997

PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of a U.S. Provisional Application No. 60/049,844, entitled "A Method and System of Securely Incorporating Digital Information into an Electronic Store," filed on Jun. 17, 1997, which is hereby incorporated by reference in its entirety. This application is also a continuation-in-part of U.S. patent application Ser. No. 08/792,719, entitled "Method and System for Injecting New Code Into Existing Application Code," filed on Jan. 29, 1997, and which is hereby incorporated by reference in its entirety.

INT-CL: [07] G06 F 17/60

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FIELD-OF-SEARCH: 705/1, 705/18, 705/21, 705/26, 705/51, 705/59, 380/3, 380/4, 380/23, 380/24, 380/25, 380/277

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

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<input type="checkbox"/>	PAT-NO	FILE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	5005122	April 1991	Griffin et al.	709/203
<input type="checkbox"/>	5337357	August 1994	Chou et al.	380/4
<input type="checkbox"/>	5390297	February 1995	Barber et al.	364/280
<input type="checkbox"/>	5530752	June 1996	Rubin	380/4
<input type="checkbox"/>	5553143	September 1996	Ross et al.	380/25
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<input type="checkbox"/>	5710887	January 1998	Chelliah et al.	705/26
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<input type="checkbox"/>	5757908	May 1998	Cooper et al.	380/4
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ART-UNIT: 274

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ATTY-AGENT-FIRM: Perkins Coie LLP

ABSTRACT:

A method and system for facilitating digital commerce using a secure digital commerce system is provided. The secure digital commerce system is arranged according to a client/server architecture and includes a modularized DCS client and DCS server. The DCS client and the DCS server are incorporated into an online purchasing system, such as a virtual store, to perform the purchase and online delivery of electronic content. The DCS client includes a set of components which include a secured copy of the merchandise and various components needed to license and purchase the merchandise and to unsecure and process (e.g., execute) the licensed merchandise. The DCS client communicates with the DCS server to download the components onto a customer's computer system and to license and purchase a requested item of merchandise. The DCS server, which includes a content supplier server, a licensing and purchasing broker, and a payment processing function, supplies merchandise-specific components and licenses the requested item of merchandise by generating an electronic certificate. The electronic certificate contains license parameters that are specific to the requested merchandise and an indicated purchasing option. Once a valid electronic license certificate for the requested merchandise is received by the DCS client, the merchandise is made available to the customer for use in accordance with the licensing parameters contained in the electronic license certificate.

16 Claims, 21 Drawing figures